

## Large blow moldings made from polyethylene

## 5 Abstract

Large blow moldings are made from polyethylene of density  $\rho \geq 0.94 \text{ g/cm}^3$  and of melt flow rate MFR 190/21.6  $< 50 \text{ g/10 min}$ , and of notched tensile impact strength  $a_{2K} (-30^\circ\text{C})$  not less than 300  
10  $\text{kJ/m}^2$  and bursting strength, determined by a drop height test at  $-18^\circ\text{C}$ , of more than 3 m. Processes for producing large blow moldings of this type involve annealing large blow moldings after production. The moldings are used for storage and transport of hazardous materials.

15

20

25

30

35

40

45